

Special Issue

Applications of Multifunctional Materials and Novel Engineering Techniques

Message from the Guest Editors

This Special Issue aims to bring together innovative research and developments focused on the design, characterization, and application of multifunctional materials in conjunction with state-of-the-art engineering techniques. Topics of interest include, but are not limited to, the following:

- Applications of nanostructured and multifunctional materials in energy storage, sensing, and electronics.
- Advanced manufacturing processes such as additive manufacturing, self-assembly, and precision engineering.
- Hybrid material systems for multidisciplinary applications.
- Novel engineering techniques for material synthesis, integration, and functional enhancement.
- Computational simulations and modeling to optimize material properties and processes.
- Environmental and biomedical applications of multifunctional materials.
- New approaches for scaling material production while maintaining performance.

Guest Editors

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Editor-in-Chief

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